



SEQUENCE LISTING

<110> Olson, Gary L.  
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Cook, Charles M.  
Birktopft, Jens  
Morgan, Barry  
Arico-Muendel, Christopher C.

<120> Therapeutic Agents and Methods  
of Use Thereof for the Modulation of  
Angiogenesis

<130> PPI-106CP2

<140> 10/001,945

<141> 2001-11-1

<150> US 09/972,772

<151> 2001-10-05

<150> US 09/704,251

<151> 2000-11-01

<160> 40

<170> PatentIn Ver. 2.0

<210> 1

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 may be any amino acid

<220>

<223> Description of Artificial Sequence: Motifs

<400> 1

Pro Leu Gly Xaa

1

<210> 2

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<221> VARIANT

<222> 2

<223> Xaa at position 2 represents L-cyclohexylalanine

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents methylated cysteine

<220>

<223> Description of Artificial Sequence: Motifs

<400> 2  
Pro Xaa Gly Xaa His  
1 5

<210> 3  
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<223> Description of Artificial Sequence: Motifs

<220>  
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<222> 8  
<223> Xaa at position 8 represents D-Arginine

<400> 3  
Pro Gln Gly Ile Ala Gly Gln Xaa  
1 5

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<400> 4  
Pro Gln Gly Ile Ala Gly Trp  
1 5

<210> 5  
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<220>  
<223> Description of Artificial Sequence: Motifs

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<223> Xaa at position 4 represents methylated cysteine

<220>  
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<223> Xaa at position 7 represents D-Arginine

<400> 5  
Pro Leu Gly Xaa His Ala Xaa  
1 5

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Pro Leu Gly Leu Trp Ala Xaa  
1 5

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<400> 7  
Pro Leu Ala Leu Trp Ala Arg  
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<400> 8  
Pro Leu Ala Leu Trp Ala Arg  
1 5

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Pro Leu Ala Tyr Trp Ala Arg  
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<210> 10  
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<400> 10  
Pro Tyr Ala Tyr Trp Met Arg  
1 5

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<222> 2

<223> Xaa at position 2 represents L-cyclohexylalanine

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents L-norvaline

<400> 11

Pro Xaa Gly Xaa His Ala  
1 5

<210> 12

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<220>

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<222> 4

<223> Xaa at position 4 represents L-norvaline

<400> 12

Pro Leu Ala Xaa  
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<210> 13

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<400> 13

Pro Leu Gly Leu  
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<210> 14

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<212> PRT

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<400> 14

Pro Leu Gly Ala  
1

<210> 15

<211> 8

<212> PRT  
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<400> 15  
Arg Pro Leu Ala Leu Trp Arg Ser  
1 5

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<220>  
<221> VARIANT  
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<223> Xaa at position 2 represents L-cyclohexylalanine

<220>  
<221> VARIANT  
<222> 4  
<223> Xaa at position 4 represents L-a-aminobutyryl

<220>  
<221> VARIANT  
<222> 5  
<223> Xaa at position 5 represents methylated cysteine

<400> 16  
Pro Xaa Ala Xaa Xaa His Ala  
1 5

<210> 17  
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<223> xaa at position 2 represents L-cyclohexylalanine

<220>  
<221> VARIANT  
<222> 5  
<223> Xaa at position 5 represents methylated cysteine

<400> 17  
Pro Xaa Ala Gly Xaa His Ala  
1 5

<210> 18  
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Pro Lys Pro Gln Gln Phe Phe Gly Leu  
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<400> 19  
Pro Lys Pro Leu Ala Leu  
1 5

<210> 20  
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<400> 20  
Arg Pro Lys Pro Tyr Ala Xaa Trp Met  
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<210> 21  
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<220>  
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<400> 21  
Arg Pro Lys Pro Val Glu Xaa Trp Arg  
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<210> 22  
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<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
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<223> Xaa at position 7 represents L-norvaline

<400> 22  
Arg Pro Lys Pro Val Glu Xaa Trp Arg  
1 5

<210> 23  
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<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
<221> VARIANT  
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<223> Xaa at position 7 represents L-norvaline

<400> 23  
Arg Pro Lys Pro Leu Ala Xaa Trp  
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<210> 24  
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<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
<221> VARIANT  
<222> 1  
<223> Xaa at position 1 represents a modified Proline  
residue having an acetyl group attached

<400> 24  
Xaa Leu Gly Met Trp Ala  
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<210> 25  
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<212> PRT  
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<400> 25  
Gly Pro Leu Gly Met His Ala Gly  
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<210> 26  
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<223> Description of Artificial Sequence: Motifs

<220>  
<221> VARIANT  
<222> 4  
<223> Xaa at position 4 represents methylated glycine

<400> 26  
Gly Pro Leu Xaa  
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<210> 27  
<211> 4  
<212> PRT  
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<223> Description of Artificial Sequence: Motifs

<400> 27  
Gly Pro Leu Gly  
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<210> 28  
<211> 5  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Motifs

<400> 28  
Gly Met Gly Leu Pro  
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<210> 29  
<211> 5  
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<223> Description of Artificial Sequence: Motifs

<400> 29  
Ala Met Gly Ile Pro  
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<210> 30  
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<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
<221> VARIANT  
<222> 5  
<223> Xaa at position 5 represents a modified tyrosine  
residue having an O-Methyl group attached

<400> 30  
Gly Arg Gly Asp Xaa Arg Glu



1

5

<210> 31  
<211> 6  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: Motifs

<400> 31  
Gly Arg Gly Asp Ser Pro  
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<210> 32  
<211> 4  
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<400> 32  
Gly Arg Gly Asp  
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<210> 33  
<211> 10  
<212> PRT  
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<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
<221> VARIANT  
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<223> Xaa at position 1 represents a modified Arginine  
residue having an acetyl group attached

<400> 33  
Xaa Gly Asp Ser Pro Leu Gly Met Trp Ala  
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<210> 34  
<211> 5  
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<220>  
<223> Description of Artificial Sequence: Motifs

<220>  
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<223> Xaa at position 1 represents a modified Proline  
residue having an acetyl group attached

<400> 34  
Xaa Leu Gly Met Ala  
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<210> 35  
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Met Gly  
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<210> 39  
<211> 8  
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<400> 39

Gly Pro Leu Gly Met Trp Ala Gly  
1 5

<210> 40

<211> 4

<212> PRT

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<220>

<223> Description of Artificial Sequence: Motifs

<220>

<221> VARIANT

<222> 4

<223> Xaa at position 4 represents 3-amino-  
3-pyridyl-propionic acid

<400> 40

Gly Arg Gly Xaa  
1